



**MONTCLAIR STATE UNIVERSITY**

## **Office of Research and Sponsored Programs**

### **ANNUAL REPORT: FISCAL YEAR 2012**

Report of Sponsored Programs Activity for the Period  
07/01/11-06/30/12

Prepared by the Office of Research and Sponsored Programs  
Fall 2012

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**Mission Statement and Report Overview:** The Mission of the Office of Research and Sponsored Programs (ORSP) is to encourage, facilitate and support Montclair State University faculty and staff in the pursuit of external funding for their research, education, training and other scholarly activities, while also protecting the University's interests in assuring compliance with federal and state guidelines, laws, rules and regulations.

This report will highlight sponsored programs activity for the period July 1st, 2011 to June 30th, 2012 (FY 12), and provide a comparative FY 11/FY 12 summary as well as additional historical data. Expanding on previous year's reports, this report will also provide a summary of proposals and awards by sponsor and federal agency, and provide additional information on sponsored programs expense activity.

**The Year in Brief:** FY 2012 proved to be a "banner" year in the growth of MSU's externally sponsored programs enterprise. MSU received a record \$11.37M in new and continuing awards in FY 12. This speaks not only to the high quality of research and other externally sponsored programs being conducted by MSU faculty, students, and staff, but also to high quality of competitive proposal submissions—the majority of which undergo stringent peer review. As demonstrated in the following report, awards were received from sponsors across the public/private spectrum. In FY 12, 88% of MSU's awards were received from federal, state and local entities. Private, non-profit and corporate entities accounted for 11% of MSU's award activity in FY 12, to include awards from prestigious organizations such as the American Physical Society and Louisville Institute, as well as DuPont, Inc. and the Microsoft Corporation.

In addition to a 34.3% increase in award dollar volume from FY 11 to FY 12, a new high of 141 proposals were submitted in FY 12. The University's very popular and successful internal awards program continued in FY 12, and provided a total of \$84,050 to 24 MSU faculty and staff in support of their research and other scholarly activities.

**ORSP Initiatives in FY 12:** In Spring, 2011, ORSP conducted a Faculty Satisfaction Survey in which 209 responders participated. The results indicated a high level of overall satisfaction with ORSP services—however, additional efforts were called for in marketing/communication, educational outreach and funding opportunity dissemination.

Indeed, ORSP continued and expanded upon its education and outreach activities in support and promotion of sponsored programs growth. In November, 2011, Dr. Valerie Maholmes of the National Institutes of Health came to MSU to deliver the workshop "*Learn What It Takes To Be a Successful NIH Grant Recipient.*" In May, 2012, ORSP offered an online webinar "*How to Write a Winning NSF CAREER Proposal,*" hosted by Academic Research Funding Strategies, LLC.

For the very first time, a dedicated "Finding Funding Opportunities Workshop" was presented by ORSP staff in Spring, 2012. This workshop was well attended, and well received. Along with this workshop, ORSP introduced a "Funding Opportunity List-Serve." This list-serve is used on a weekly basis to disseminate targeted funding opportunities that may be of specific interest to MSU faculty and staff, and has proven successful in its early stages--several proposals have resulted to both private and public sponsors as a result of opportunities disseminated via the List-Serve. Also newly available through ORSP's website, is "*Grant Advisor Plus,*" a leading source of information on grant, research, and fellowship opportunities for U.S. institutions of higher education and their faculty.

In FY 13 and beyond, ORSP looks forward to working with MSU faculty and staff in promoting the growth of their research and other scholarly activities, as well as working to improve efficiencies in the day-to-day administrative management of their ongoing awards and programs. All of us in ORSP extend our thanks, appreciation and congratulations to all who have played a part in making FY 12 a success!

Sincerely,

Fredric "Ted" Russo,  
Director, Office of Research and Sponsored Programs

Montclair State University: "At-a-Glance" Summary of FY 12 Sponsored Programs Activity  
(with comparative FY 2011 information)

I. Number of Proposal Submissions	FY 12	FY 11	% Change
	<b>141</b>	<b>136</b>	<b>+3.68%</b>

II. Total Proposed Dollar Amount	FY 12	FY 11	% Change
Direct Costs	\$32,228,611	\$39,467,942	-18.34%
Indirect Costs	\$6,118,291	\$4,691,582	+30.41%
<b>Total</b>	<b>\$38,346,902</b>	<b>\$44,159,524</b>	<b>-13.16%</b>

III. Number of Award Actions	FY 12	FY 11	% Change
	<b>71</b>	<b>57</b>	<b>+24.56%</b>

IV. Total Awarded Dollar Amount	FY 12	FY 11	% Change
Direct Costs	\$10,245,801	\$7,561,982	+35.49%
Indirect Costs	\$1,119,649	\$899,719	+24.44%
<b>Total</b>	<b>\$11,365,450</b>	<b>\$8,461,700</b>	<b>+34.32%</b>

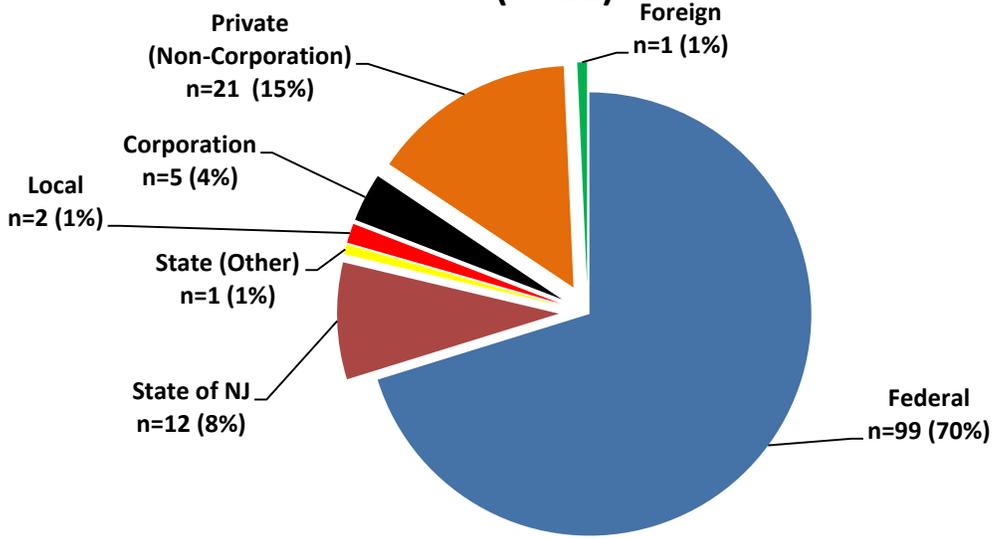
V. Total Awarded by Activity Type	FY 12	FY 11	% Change
Research	\$4,743,421	\$3,679,542	+28.91%
Training	\$1,589,513	\$1,610,606	-1.31%
Programmatic	\$4,751,170	\$3,044,591	+56.05%
Other	\$281,346	\$126,961	+121.60%
<b>Total</b>	<b>\$11,365,450</b>	<b>\$8,461,700</b>	<b>+34.32%</b>

VI. Expense Activity	FY 12	FY 11	% Change
Direct Expenses	\$8,235,252	\$7,558,869	+8.95%
Indirect Expenses	\$831,969	\$732,505	+13.58%
<b>Total</b>	<b>\$9,067,221</b>	<b>\$8,291,374</b>	<b>+9.36%</b>

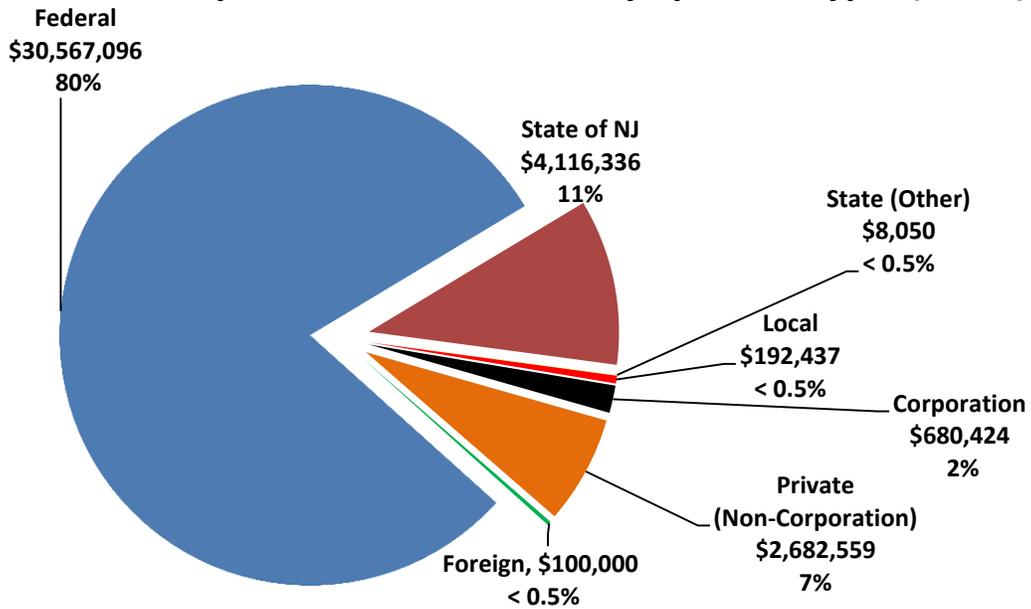
**Montclair State University: Total Number of Proposals Submitted and Proposed Dollar Amount  
by College/Division (FY 12 & FY 11)**

College/ Division	Fiscal Year 2012 (July 1, 2011-June 30, 2012)				Fiscal Year 2011 (July 1, 2010-June 30, 2011)				% change in Total Dollars Proposed (FY 11 to FY 12)
	Number of Proposals Submitted	% of Total Proposals Submitted	Proposed Dollar Amount	% of Total Dollars Proposed	Number of Proposals Submitted	% of Total Proposals Submitted	Proposed Dollar Amount	% of Total Dollars Proposed	
CART	2	1%	93,050	0.24%	1	1%	75,000	0.17%	24.07%
CEHS	16	11%	4,842,349	12.63%	21	15%	5,028,492	11.39%	-3.70%
CHSS	21	15%	6,397,313	16.68%	24	18%	2,687,570	6.09%	138.03%
CSAM	92	65%	25,582,514	66.71%	79	58%	31,282,057	70.84%	-18.22%
SBUS	3	2%	309,482	0.81%	2	1%	4,039,531	9.15%	-92.34%
RAUL	3	2%	239,594	0.62%	2	1%	551,039	1.25%	-56.52%
GEC	1	1%	20,000	0.05%	-	-	-	-	-
LIBRARY SVCS	1	1%	5,700	0.01%	-	-	-	-	-
SDCL	2	1%	856,900	2.23%	7	5%	495,385	1.12%	72.98%
<b>Total</b>	<b>141</b>	<b>100.00%</b>	<b><u>\$38,346,902</u></b>	<b>100.00%</b>	<b>136</b>	<b>100.00%</b>	<b><u>\$44,159,524</u></b>	<b>100.00%</b>	<b>-13.16%</b>

### Number of Proposals Submitted by Sponsor Type (FY 12)



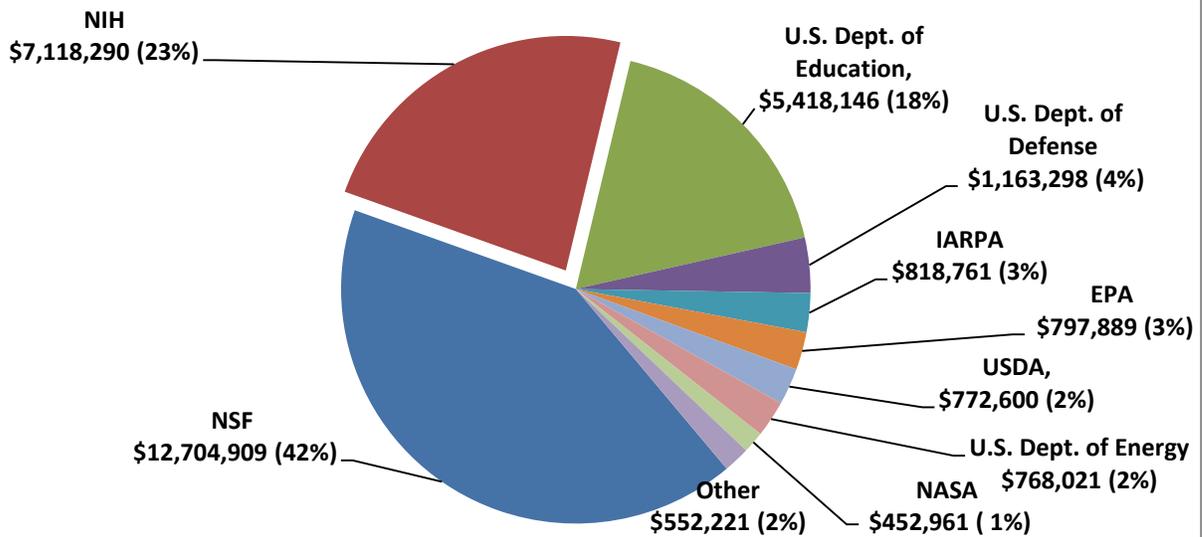
### Proposed Dollar Amount by Sponsor Type (FY 12)



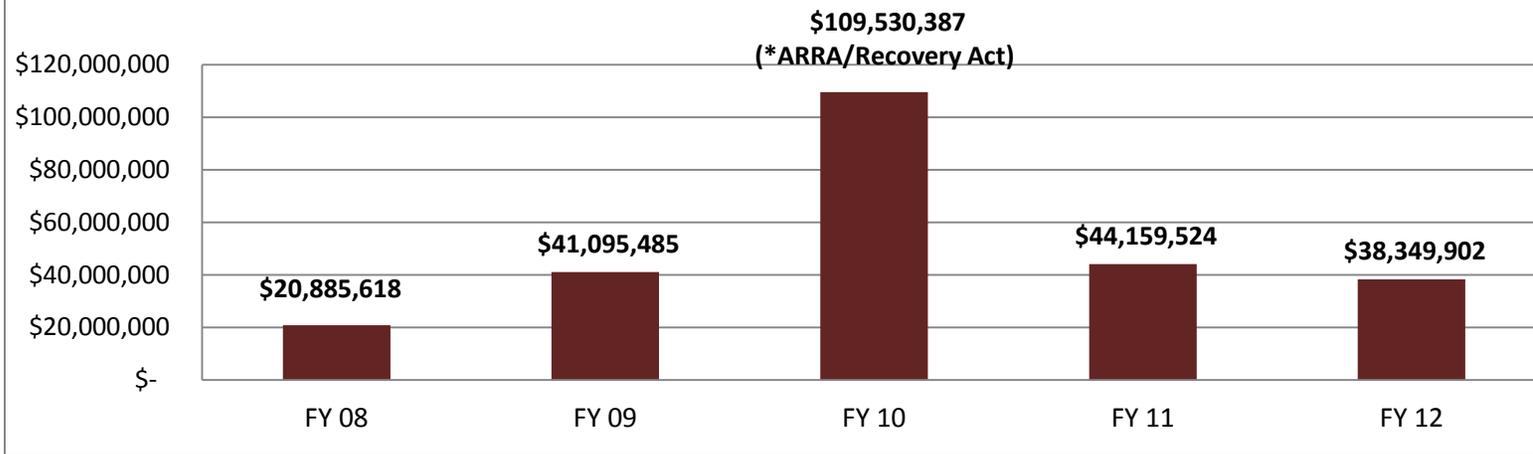
**Montclair State University: Proposals Submitted to  
Federal Sponsors by Department/Agency (FY 12)**

	<b>Number</b>	<b>Total</b>
National Science Foundation	47	\$12,704,909
National Institutes of Health	15	\$7,118,290
U.S. Department of Education	8	\$5,418,146
U.S. Department of Defense	5	\$1,163,298
Intelligence Advanced Research Projects Agency	1	\$818,761
Environmental Protection Agency	5	\$797,889
U.S. Department of Agriculture	5	\$772,600
U.S. Department of Energy	2	\$768,021
National Aeronautics Space Agency	1	\$452,961
U.S. Department of the Interior	2	\$180,685
Federal Emergency Management Agency	1	\$158,000
National Endowment for the Arts	1	\$85,000
National Security Agency	2	\$55,185
Vietnam Education Foundation	1	\$29,700
National Endowment for the Humanities	2	\$28,775
U.S. Geological Survey	1	\$14,876
<b>Totals</b>	<b>99</b>	<b>\$30,567,096</b>

**Proposed Dollar Amount by Federal Agency (FY 12)**



## Proposals Submitted: Total Dollar Volume (FY 2008-FY 2012)



### Proposals Submitted: Total Dollar Volume by College/Division (FY 2008-FY2012)

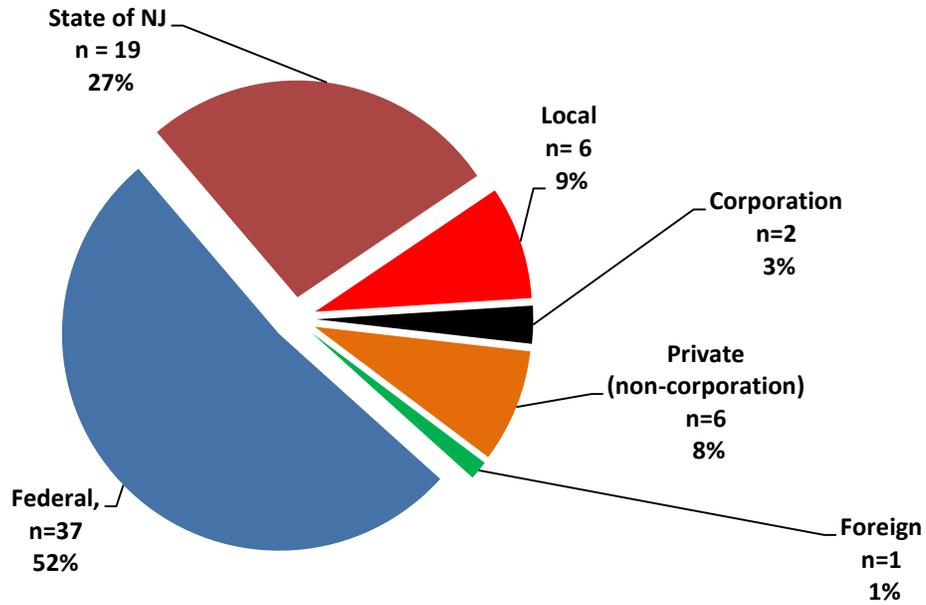
<u>College / Division</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>FY 12</u>
College of the Arts (CART)	285,305	402,337	90,000	75,000	93,050
College of Education and Human Services (CEHS)	5,551,688	5,126,617	16,319,457	5,028,492	4,842,349
College of Humanities and Social Sciences (CHSS)	2,915,284	3,690,179	2,560,913	2,687,570	6,397,313
College of Science and Mathematics (CSAM)	11,668,532	29,732,692	60,405,552	31,282,057	25,585,514
School of Business (SBUS)	0	16,942	5,000	4,039,531	309,482
Research Academy of University Learning (RAUL)	0	0	557,530	551,039	239,594
Global Education	-	-	-	-	20,000
Library Services	-	-	-	-	5,700
Administration and Student Services*	464,809	2,126,718	29,591,935	-	-
Student Development and Campus Life (SDCL)	-	-	-	495,835	856,900
<b>Totals:</b>	<b>\$ 20,885,618</b>	<b>\$ 41,095,485</b>	<b>\$ 109,530,387</b>	<b>\$ 44,159,524</b>	<b>\$ 38,349,902</b>

\*Prior to FY 11, Global Education, Library Services, and Student Development and Campus Life were reported under "Administration and Student Services."

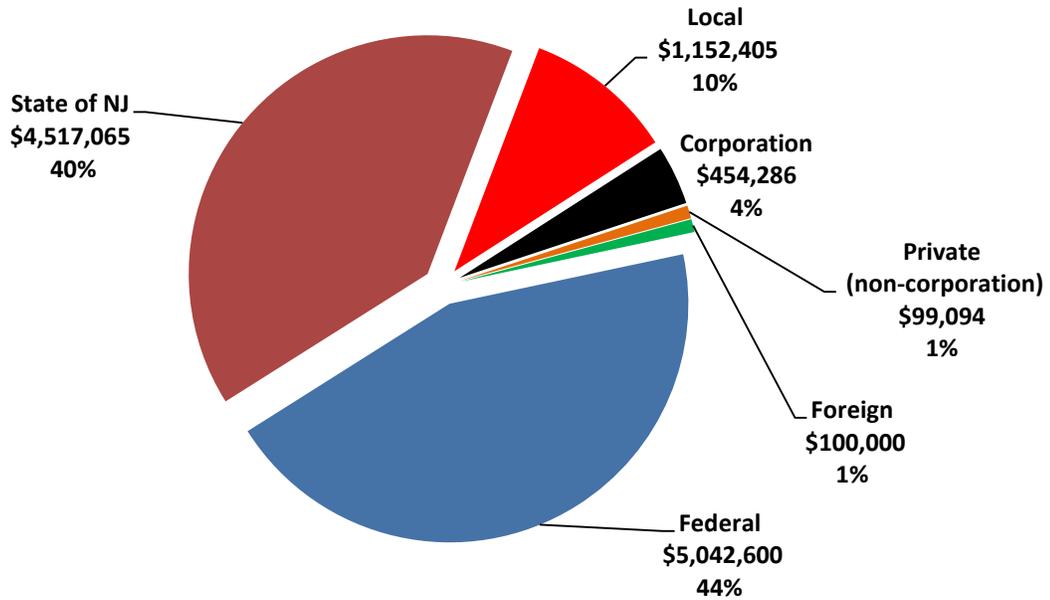
**Montclair State University: Total Number of Awards Received and Awarded Dollar Amount  
by College/Division (FY 12 & FY 11)**

College/ Division	Fiscal Year 2012 (July 1, 2011-June 30, 2012)				Fiscal Year 2011 (July 1, 2010-June 30, 2011)				<i>% change in Total Dollars Awarded (FY 11 to FY 12)</i>
	Number of Awards Received	% of Total Awards Received	Awarded Dollar Amount	% of Total Dollars Awarded	Number of Awards Received	% of Total Awards Received	Awarded Dollar Amount	% of Total Dollars Awarded	
CART	4	6%	162,341	1.43%	2	3.51%	65,622	0.78%	147.39%
CEHS	18	25%	5,422,564	47.71%	9	15.79%	1,949,121	23.03%	178.21%
CHSS	14	20%	2,347,838	20.66%	10	17.54%	1,899,060	22.44%	23.63%
CSAM	30	42%	3,105,785	27.33%	31	54.39%	4,224,941	49.93%	-26.49%
SBUS	1	1%	110,000	0.97%	-	-	-	-	-
RAUL	1	1%	199,538	1.76%	2	3.51%	270,000	3.19%	-26.10%
GEC	1	1%	15,500	0.14%	-	-	-	-	-
SDCL	2	3%	1,884	0.02%	3	5.26%	52,956	0.63%	-96.44%
<b>Total</b>	<b>71</b>	<b>100.00%</b>	<b><u>\$11,365,450</u></b>	<b>100.00%</b>	<b>57</b>	<b>100.00%</b>	<b><u>\$8,461,700</u></b>	<b>100.00%</b>	<b>34.32%</b>

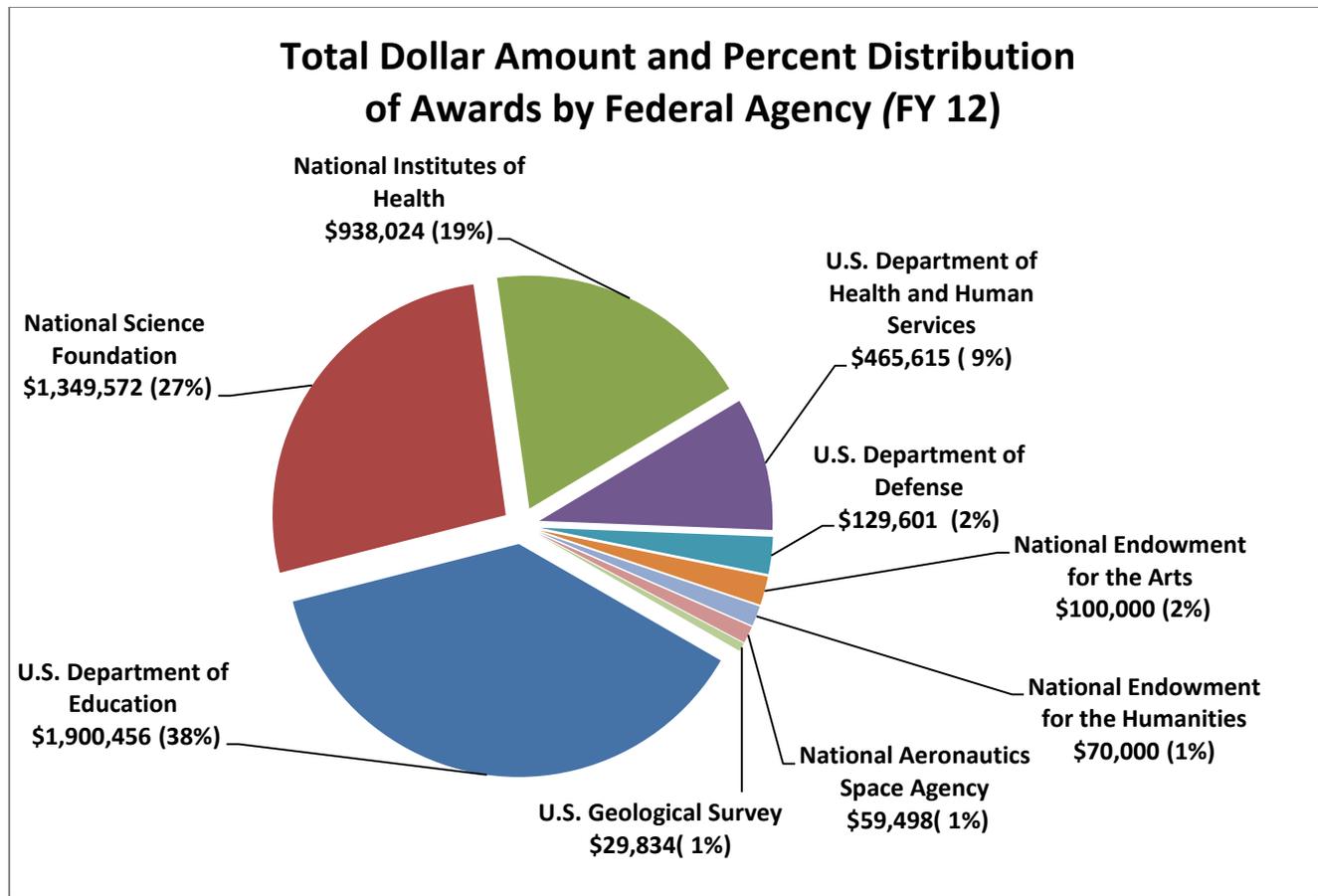
### Number of Awards Received by Sponsor Type (FY 12)



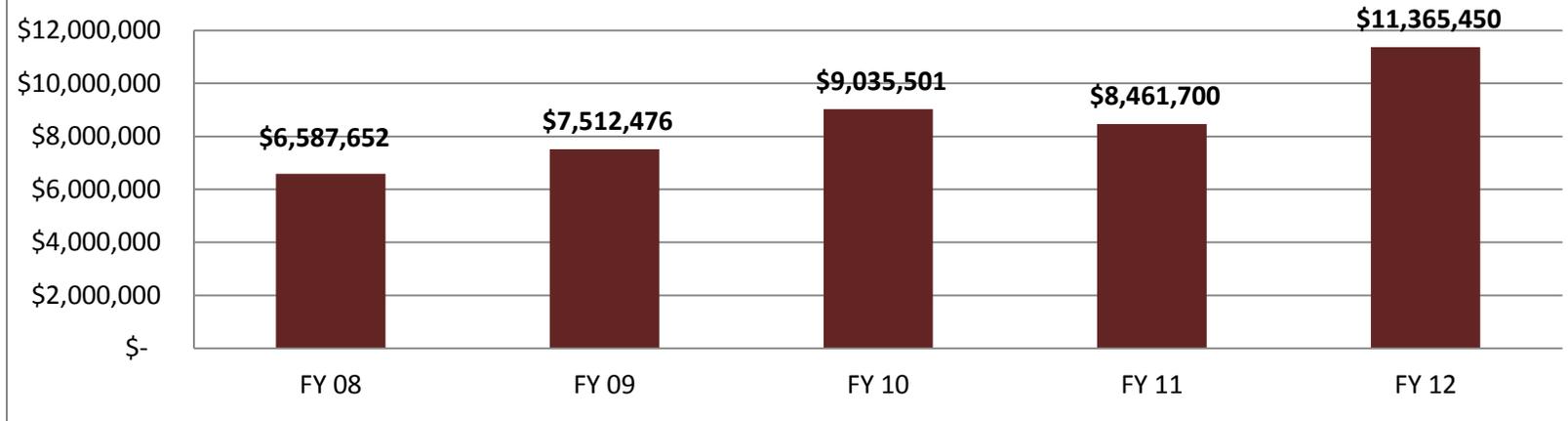
### Total Dollar Amount of Awards Received by Sponsor Type (FY 12)



Awards Received (by Federal Department/Agency ) (FY 12)	Number	Total Dollars Awarded
U.S. Department of Education	5	\$1,900,456
National Science Foundation	15	\$1,349,572
National Institutes of Health	6	\$938,024
U.S. Department of Health and Human Services	2	\$465,615
U.S. Department of Defense	3	\$129,601
National Endowment for the Arts	2	\$100,000
National Endowment for the Humanities	1	\$70,000
National Aeronautics Space Agency	1	\$59,498
U.S. Geological Survey	2	\$29,834
<b>Totals</b>	<b>37</b>	<b>\$5,042,600</b>



### Awards Received: Total Dollar Volume (FY 2008-FY 2012)



### Awards Received: Total Dollar Volume by College/Division (FY 2008-FY2012)

<u>College / Division</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>FY 12</u>
College of the Arts (CART)	104,478	167,340	106,872	65,622	162,341
College of Education and Human Services (CEHS)	740,707	2,022,860	2,922,640	1,949,121	5,422,564
College of Humanities and Social Sciences (CHSS)	3,133,548	1,137,734	1,725,575	1,899,060	2,347,838
College of Science and Mathematics (CSAM)	2,493,001	4,111,542	4,244,914	4,224,941	3,105,785
School of Business (SBUS)	-	-	-	-	110,000
Research Academy of University Learning (RAUL)	-	-	-	270,000	199,538
Global Education	-	-	-	-	15,500
Library Services	-	-	-	-	-
Administration and Student Services*	115,918	73,000	35,500	-	-
Student Development and Campus Life (SDCL)	-	-	-	52,956	1,884
<b>Totals:</b>	<b>\$ 6,587,652</b>	<b>\$ 7,512,476</b>	<b>\$ 9,035,501</b>	<b>\$ 8,461,700</b>	<b>\$ 11,365,450</b>

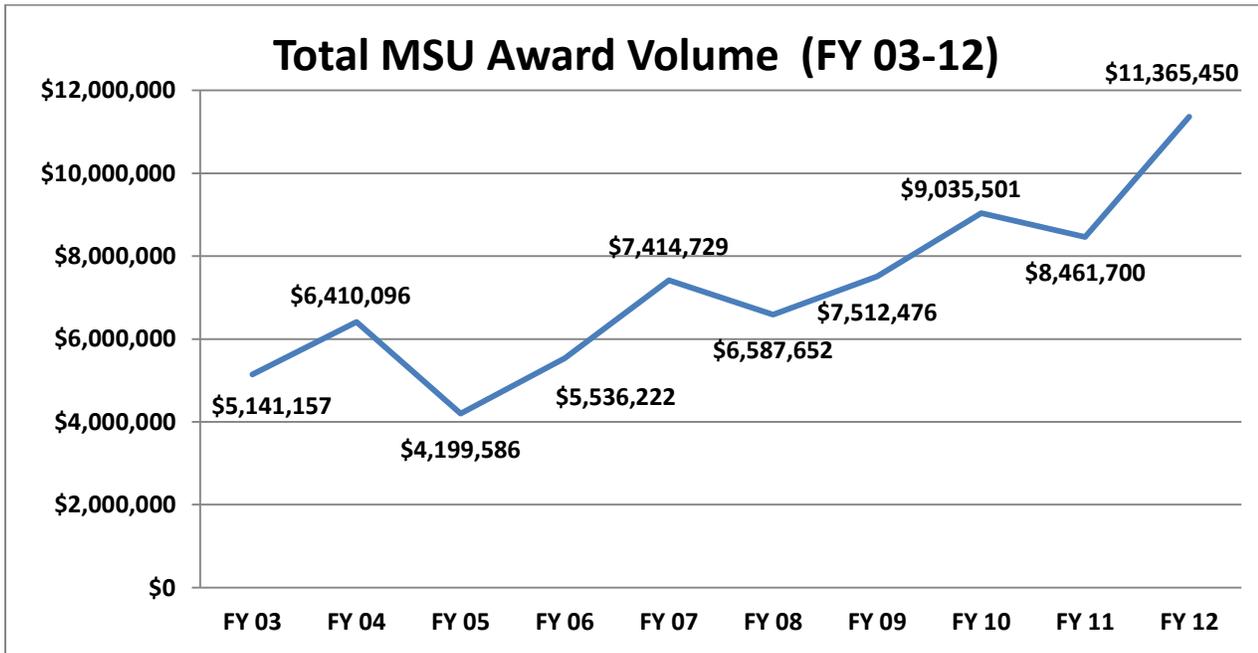
\*Prior to FY 11, Global Education, Library Services, and Student Development and Campus Life (SDCL) were reported under "Administration and Student Services"

**Total MSU Award Volume and Percent Change (by FY)**

	<b>Total Award Volume</b>	<b>% Change from Previous Year</b>
FY 03	\$5,141,157	+15.88%
FY 04	\$6,410,096	+24.68%
FY 05	\$4,199,586	-34.48%
FY 06	\$5,536,222	+31.83%
FY 07	\$7,414,729	+33.93%
FY 08	\$6,587,652	-11.15%
FY 09	\$7,512,476	+14.04%
FY 10	\$9,035,501	+20.27%
FY 11	\$8,461,700	-6.35%
FY 12	\$11,365,450	+34.32%

**Total MSU Award Volume and Percent Change (by period)**

	<b>Total Award Volume</b>	<b>% Change (by period)</b>
FY 03-07	\$28,701,790	+44%
FY 08-12	\$42,962,779	+73%
FY 03-12	\$71,664,569	+121%



**Montclair State University: Internal Awards Program:  
Fiscal Year 2011-Fiscal Year 2013**

<b>Internal Awards</b>	<b>FY 11</b>		<b>FY 12</b>		<b>FY 13</b>	
	Number of Awards	Total Awarded	Number of Awards	Total Awarded	Number of Awards	Total Awarded
Summer Grant Proposal Development Award	12	47,000	15	47,000	9	36,750
Career Development Award			16	56,828		
Separately Budgeted Research	13	24,000	11	26,048	11	34,600
Student Faculty Research	6	12,000	5	10,000	7	12,700
<b>Total</b>	<b>31</b>	<b>\$83,000</b>	<b>47</b>	<b>\$139,876</b>	<b>27</b>	<b>\$84,050</b>
<b><u>Average Award Amount</u></b>		<b><u>\$2,677</u></b>		<b><u>\$2,976</u></b>		<b><u>\$3,113</u></b>

# MONTCLAIR STATE UNIVERSITY

## Comparative Summary of Sponsored Program Expense Activity \*

FY2012 and FY2011

<u>Natural Expense Category</u>	<u>FY2012 Expenses</u>	<u>FY2011 Expenses</u>	<u>% Change</u>
Salary & Wages	3,950,748	3,596,030	9.86%
Fringe Benefits	540,756	550,925	-1.85%
Equipment	147,973	416,474	-64.47%
Other Direct Expenses	3,595,775	2,995,441	20.04%
Total Direct Expenses	<u>8,235,252</u>	<u>7,558,869</u>	8.95%
Indirect Expenses	831,969	732,505	13.58%
Total Sponsored Program Expenses	<u>\$ 9,067,221</u>	<u>\$ 8,291,375</u>	9.36%

Source: Office of Grant Accounting

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
<b>ACADEMIC AFFAIRS</b>						
<b>COLLEGE OF THE ARTS (CART)</b>						
<b>Arts and Cultural Programming</b>						
	Wheeler, Jedediah	Presenting "Art Works"	National Endowment for the Arts	7/1/2012	6/30/2013	\$85,000
<b>Art and Design</b>						
	Lillethun, Abby	World Fashion History: Teaching History and Culture through Dress	Social Science Research Council- University of Rhode Island			\$8,050
<b>Total Proposals for CART: 2</b>			<b>Total Requested for CART :</b>			<b>\$93,050</b>
<b>COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)</b>						
<b>Center for Autism and Early Childhood Mental Health</b>						
	Costa, Gerard	The Coordinating Center at Montclair State University (CC-MSU)	NJ Governors Council for Medical Research & Treatment of Autism	6/15/2012	6/14/2017	\$1,500,000
<b>Center of Pedagogy</b>						
	Festa, Gregory	Professional Development to Support Initiatives of Paterson Public Schools	US Department of Education - Subaward to Paterson Public Schools	7/1/2012	6/30/2015	\$319,963
<b>Counseling and Educational Leadership</b>						
	Renfro-Michel, Edina	Collaborative Project : Integrating Learning Resources for Information Security Research and Education (iSECURE)	National Science Foundation	9/1/2012	8/31/2015	\$168,866
<b>Curriculum and Teaching</b>						
	Moorehead, Tanya	Inclusion Professional Development with the Boston Public Schools	United Cerebral Palsy of Central Florida	8/1/2011	7/31/2012	\$32,500
<b>Early Childhood and Elementary Education</b>						
	Wray, Susan	Implementing an Electronic Portfolio Within an Urban Teaching Residency	Google Research	10/1/2011	9/30/2012	\$55,000
<b>Educational Foundations</b>						
	Carolan, Brian	High School Students' Outcomes in STEM : The Influence of Concerted Cultivation	Spencer Foundation	8/1/2012	7/31/2013	\$36,393
	Carolan, Brian	Parents, Concerted Cultivation, and the Pipeline into STEM	National Science Foundation	7/1/2012	6/30/2013	\$71,123

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	DiDonato, Nicole/ Carolan, Brian	Serving Youth in Adult Basic and Literacy Education : The Relationships Among Youth Learner Characteristics, Adult Program and Instructional Features, State Level Characteristics, and Postive Outcomes	US Department of Education- Institute of Education Sciences- Subaward from Rutgers University	7/1/2012	6/30/2016	\$352,423
	Lewis, Tyson	Rethinking Potentiality and Impotentiality in Education	Spencer Foundation	1/1/2012	8/31/2012	\$32,060
	Matthews, Jamaal	Catalysts and Consequences of Gendered Processes in Cognative Self-Regulations	American Educational Research Association	1/1/2012	12/31/2013	\$34,963
	Reznitskaya, Alina	Dialogic Teaching : Professional Development in Classroom Discussion to Improve Students' Argument Literacy	Institute of Education Sciences- Subaward from Ohio State University	7/1/2012	6/30/2015	\$622,158
<b>Family and Child Studies</b>						
	Urban, Jennifer	Collaborative Research : Enhancing the Environment for STEM Evaluation : Portfolio Analysis, Research-Practice Integration	National Science Foundation	8/1/2012	7/31/2015	\$240,101
<b>Health and Nutrition Sciences</b>						
	Chale, Angela	Nutrition Education with Advanced Care Planning Education Among Older Physicians	National Institutes of Health	9/1/2012	8/31/2014	\$330,948
	Donnelly, Joseph	Testing the Efficacy of a Parent/Child Drug Education Program in a Multi-Ethnic Urban Population	National Institutes of Health	7/1/2013	6/30/2016	\$353,181
	Silvera, Stephanie	Exploring Sociodemographic and Behavioral Factors Underlying Racial/Ethnic Disparities in Cancer Prevention Behaviors in New Jersey	National Institutes of Health	7/1/2012	6/30/2016	\$555,700
	Wunderlich, Shahla	MSU Nutrition and Wellness Project	Hudson County Office on Aging	1/1/2012	12/31/2012	\$136,970
<b>Total Proposals for CEHS: 16</b>			<b>Total Requested for CEHS :</b>	<b>\$4,842,349</b>		

## COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)

### Center for Child Advocacy

McCormick, Robert	Post BA Certificate in Adolescent Advocacy	NJ Department of Children & Families	7/1/2012	8/31/2013	\$267,627
McCormick, Robert	SHIP (Summer Housing Internship Partnership) 2012-2013	NJ Department of Children & Families- Subaward from Rutgers University	7/1/2012	6/30/2013	\$131,702

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	McCormick, Robert	New Jersey Child Welfare Training Consortium 2012-2013	NJ Department of Children & Families- Subaward from Rutgers University	7/1/2012	6/30/2013	\$980,049
	McCormick, Robert	Curriculum Development and Training Initiative (CDTI)	NJ Department of Children & Families	2/20/2012	6/30/2012	\$187,631
<b>Communication Sciences and Disorders</b>						
	McAllister, Tara	Understanding and Eliminating Residual Speech Errors with Acoustic Biofeedback	National Institutes of Health	9/1/2012	8/31/2015	\$370,385
<b>Dean's Office</b>						
	Kelton, AJ	Letter of Inquiry: Emerging and Instructional Technology Lab	Gladys Krieble Delmas Foundation	1/1/2013	12/31/2014	\$98,900
<b>English</b>						
	Matthew, Patricia	What is Virtue?	National Endowment for the Humanities	7/1/2012	12/31/2013	\$23,075
<b>Justice Studies</b>						
	Michalsen, Venezia	What Can Men Learn From Women About Strain, Crime, and Coping? Applying Gendered Strain Theory to a Sample of Formerly Incarcerated People	Harry Frank Guggenheim Foundation	1/1/2012	12/31/2013	\$25,643
<b>Linguistics</b>						
	Feldman, Anna/ Peng, Jing	Metaphor Program	IARPA- Subaward from BAE Systems	2/1/2012	1/31/2017	\$818,761
	Fitzpatrick, Eileen	Social Media in Strategic Communication	US Defense Department- BAE Systems	12/15/2011	12/14/2014	\$336,217
	Fitzpatrick, Eileen/ Bachenko, Joan	Development of a Corpus of Verbal Lies: A Community Resource to Test Models of Deceptive Language	National Science Foundation	7/1/2012	6/30/2013	\$99,545
<b>Philosophy and Religion</b>						
	Clatterbuck, Mark	Jesus at Crow : Case Studies in Native Religious Identity	The Louisville Institute	7/1/2012	6/30/2013	\$25,000
<b>Political Science and Law</b>						
	Spanakos, Anthony	How Does Politics Account For and Address Issues of Injustice in Latin America and the Carribean?	NJ Council for the Humanities	11/1/2011	9/30/2012	\$3,000

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
<b>Psychology</b>						
	Fuentes, Milton	The School Success Project	National Institutes of Health	7/1/2013	6/30/2015	\$148,806
	Lakusta, Laura	RUI: Conceptual Foundations of Language : Infants' Representations of Sources and Goals in Events	National Science Foundation	1/1/2012	12/31/2014	\$384,460
	Nooner, Kate	Neural Dissection of Inattention / Hyperactivity in Maltreated Children	National Institutes of Health	9/1/2012	6/30/2014	\$300,969
	Pardo, Jennifer	RUI: Phonetic Convergence in Spoken Communication	National Science Foundation	7/1/2012	6/30/2016	\$589,740
	Pardo, Jennifer	RUI: Phonetic Convergence in Spoken Communication	National Science Foundation	7/1/2012	6/30/2016	\$606,871
	Propper, Ruth	Research on Predictors of Emotional State and Cognitive Processing Abilities	US Army Research Office	9/1/2011	8/31/2012	\$283,248
	Townsend, David	A Genomic Model of Language: Behavioral Tests of Lexical Processing	National Institutes of Health	7/1/2013	6/30/2016	\$712,684
<b>Spanish and Italian</b>						
	Fiore, Teresa	Mangia Piano/Eat Slowly : The Internationalization of Local Italian Foodways	NJ Council for the Humanities	3/6/2011	3/7/2011	\$3,000
<b>Total Proposals for CHSS: 21</b>			<b>Total Requested for CHSS :</b>		<b>\$6,397,313</b>	

## COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)

### Biology and Molecular Biology

Adams, Sandra/ Larkin, Douglas	Montclair State University Noyce Scholarship Program	National Science Foundation	1/1/2013	12/31/2017	\$1,198,945
Bologna, Paul/ Gaynor, John	Impacts of Invasive Sea Nettles (Chrysaora quinquecirrha) on Plankton Community Structure and Bloom Prediction Using Molecular Techniques	NJ Department of Environmental Protection	10/1/2011	9/30/2012	\$83,333
Du, Charles	A Sequence-indexed Functional Genomics Resource for Maize: A Set of Lines Carrying Unique Ds-GFP Single Insertions	National Science Foundation-Subaward from Rutgers University	9/1/2012	8/31/2015	\$489,138

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Du, Charles	Genome Organization	Henan Sesame Research Center	1/1/2012	12/31/2013	\$100,000
	Du, Charles	New Reverse Genetic Resources for Maize: Facile Production and Efficient Indexing Using Next-Generation Sequencing Technology	National Science Foundation-Subaward from Rutgers University	9/1/2011	8/30/2012	\$77,200
	Hazard, Lisa	PRE-PROPOSAL - IOS RUI: Do Ecological Factors Drive Physiological Control of a Unique Ion-secreting Tissue, the Lizard Salt Gland?	National Science Foundation	1/15/2013	12/31/2015	\$0
	Hazard, Lisa/ Thomas. William	FSML : Research and Facilities Planning for the New Jersey School of Conservation	National Science Foundation	9/1/2012	8/31/2013	\$12,312
	Krumins, Jennifer/ Goodey, Nina	PRE-PROPOSAL : RUI : The Forest Returns: Microbial Facilitation of Secondary Succession	National Science Foundation	1/1/2013	12/31/2017	\$0
	Krumins, Jennifer	Role of Plant and Soil Community Structure in Riparian Soil Nutrient Retention	Barnegat Bay Partnership for the EPA	7/1/2012	6/30/2013	\$47,915
	Molina, Carlos	Development and Validation of a Targeted Approach for HPV-associated Cervical Cancer	National Institutes of Health	4/1/2013	3/31/2015	\$363,283
	Molina, Carlos	Physiological Consequences of ICER Ubiquitination in Prostate Cancer	National Institutes of Health	9/1/2012	8/31/2015	\$358,976
	Vega, Quinn/ Vanderklein, Dirk/ Talgar, Cigdem/ Munakata, Mika	Training Across Boundaries : A New Model for Preparing Biology Undergraduates Students	Howard Hughes Medical Institute	9/1/2012	8/31/2016	\$1,542,045
<b>Chemistry and Biochemistry</b>						
	Dyer, James	RUI: Thermodynamic Characterization of the VcCRY1 and AtCRY1 Binding Pockets	National Science Foundation-Subaward from Lafayette College	6/1/2012	5/31/2015	\$29,979
	Goodey, Nina	TUES Type 1: Incorporation of research skills into the undergraduate biochemistry curriculum to create extraordinary scientists for the modern research environment	National Science Foundation	7/1/2013	9/1/2015	\$195,853
	Goodey, Nina	IGP Synthase Loop Motion in Non-Aqueous Environments	American Chemical Society-Petroleum Research Fund	9/1/2012	8/31/2015	\$65,000
	Goodey, Nina	RUI: IGP Synthase Loop Motions during Catalysis	National Science Foundation	5/1/2012	4/30/2015	\$308,888

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Hou, Shifeng/ Feng, Huan	Application of Graphene-based Sorbents for Arsenic and Lead Removal from Drinking Water Resources	US Geological Survey- Rutgers University/ NJ Water Resources Research Institute	7/1/2012	6/30/2013	\$14,876
	Hou, Shifeng/ Feng, Huan/ Deng, Yang	Application of Graphene-based Multifunctional Sorbents for Complete Removal of Heavy Metal, Organic Pollutants and Pathogen from Drinking Water Sources	US Environmental Protection Agency	7/1/2012	6/30/2016	\$499,261
	Schelvis, Johannes	Molecular Mechanisms in Photolyase and Cryptochrome	National Science Foundation	8/1/2013	7/31/2016	\$445,741
	Talaga, David	Collaborative Proposal: Computational and Experimental Studies of Biopolymer Flow Through Solid State Nanopore Devices	National Science Foundation-Subaward from Rutgers University	12/1/2012	11/30/2015	\$342,032
	Talaga, David	Interfacially Activated Aggregation of $\alpha$ -synuclein	National Institutes of Health	9/1/2012	8/31/2017	\$1,264,031
	Talaga, David	Collaborative Research: Computational and Experimental Studies of Biopolymer Translocation through Solid State Nanopores	National Science Foundation-Subaward from Rutgers University	9/1/2012	8/31/2015	\$390,030
	Talaga, David	Computational and Experimental Studies of Biopolymer Translocation through Solid State Nanopores	National Institutes of Health-Subaward from Rutgers University	1/1/2013	12/31/2017	\$585,078
<b>Computer Science</b>						
	Hill, Emily	CI-P : Collaborative Research : Advanced Text Analysis Infrastructure for Software Engineering	National Science Foundation	6/1/2012	5/31/2013	\$38,307
	Oudshoorn, Michael	Collaborative Research : An Online Community for K-12 Teachers That Supports Interdisciplinary Computing	National Science Foundation	6/1/2012	5/31/2015	\$268,508
	Oudshoorn, Michael	Montclair State University ROSE Program : Resources and Opportunities for STEM Education	National Science Foundation	4/1/2012	3/31/2017	\$1,805,815
	Peng, Jing	ShareBoost : Boosting for Robust Data Fusion with Applications to Wide Area Image Exploitation	Air Force Research Laboratory	9/15/2011	12/31/2011	\$10,000
	Peng, Jing	RI: Small: Kernel Indexing for Efficient Query in High Volumes	National Science Foundation	7/1/2012	6/30/2015	\$418,335
	Robila, Stefan	REU Supplement to MRI: Acquisition of a High Performance Computer Cluster Supporting Computational Science Research and Learning	National Science Foundation	1/10/2012	8/31/2012	\$18,965

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
<b>Dean's Office</b>						
	Prezant, Robert/ Shell, Rebecca	PRE-PROPOSAL : The Effect of Hard Clam Grow-Out Operations (Mercenaria mercenaria) on Surrounding Benthic and Infaunal Communities in Barnegat Bay	NJ Sea Grant	8/1/2012	12/31/2013	\$4,967
	Schneemeyer, Lynn	Collaborative Research: New Tunable Layered Materials : Creating Complex Materials with Structural and Chemical Flexibility	National Science Foundation	9/1/2012	8/31/2016	\$100,000
<b>Earth and Environmental Studies</b>						
	Alo, Clement	Role of Land Cover and Land Use Changes in Decadal to Multidecadal Regional Climate Predictions	National Aeronautic & Space Administration	1/1/2013	12/31/2015	\$452,961
	Brachfeld, Stefanie	Collaborative Research: Continued Integrated System Science Study of the Larsen Ice Shelf System, Antarctica (LARISSA-2)	National Science Foundation	5/1/2013	4/30/2017	\$248,517
	Brachfeld, Stefanie	Collaborative Research: Deglacial Ice Dynamics in the Weddell Sea Embayment using Sediment Provenance	National Science Foundation	4/1/2013	3/30/2016	\$139,321
	Deng, Yang	Formation of disinfection By Products During Co-Treatment of Sewage and Landfill Leachate	NJ Water Environment Association	10/1/2011	9/30/2012	\$5,000
	Deng, Yang	Non-Energized Advanced Oxidation Processes (AOPs) as Sustainable On-Site Treatment for Simultaneous Removal of Traditional and Emerging Landfill Leachate Contaminants	Environmental Research and Education Foundation	7/1/2012	6/30/2014	\$130,253
	Deng, Yang	US - China Collaboration on Advanced Oxidation Processes (AOPs) for Removal of Emerging Solid Waste-Derived Pharmaceuticals in Landfill Leachate	National Science Foundation	1/1/2012	12/30/2012	\$10,800
	Deng, Yang	Development of an Innovative, Viable, Economical Chemical Oxidation Technology for Removal of Refractory Organic Wastes from Wastewater	NineSigma	9/1/2012	8/31/2014	\$198,680
	Lal, Pankaj	US-India Consortium for Sustainable Advanced Biofuels System	US Department of Energy	1/1/2012	12/31/2016	\$257,982

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Lal, Pankaj	Assessing the Impacts of Renewable Fuel Standards (RFS) on the Development of Woody Biofuels System in the Southern United States	US Department of Agriculture	7/1/2012	6/30/2015	\$62,880
	Lal, Pankaj	Assessing Socioeconomic Impacts of Forest Biomass Based Biofuel Development on Rural Communities in the Eastern United States (U.S.)	US Department of Agriculture	7/1/2012	6/30/2015	\$349,963
	Lal, Pankaj	Advanced Rural Bio-Refinery (ARBR) : A Sustainable Model for Cellulosic Butanol Production and Rural Economic Development	US Department of Agriculture	1/1/2012	12/31/2015	\$89,323
	Ophori, Duke	Visiting Collaboration for Participation in the START Program	International START Secretariat	5/20/2012	6/20/2012	\$5,000
	Ophori, Duke	Climate Change Impact and Vulnerability of the Niger Delta Preliminary Study of Effects on Rainfall, Hydrology, Rice Cultivation and Fish Production	SysTem for Analysis Research and Training (START)	6/1/2012	5/31/2013	\$6,900
	Passchier, Sandra	The stratigraphic expression of the onset of glaciation in Eocene-Oligocene successions on the Antarctic continental margin	National Science Foundation	6/1/2013	5/31/2016	\$118,935
	Passchier, Sandra	From Sink to Source : Validation of Climatic Control on Continental Weathering Indices in Barren Continental Margin Successions	American Chemical Society-Petroleum Research Fund	8/1/2013	8/31/2015	\$100,000
	Pope, Gregory	Impact of Post-Fire Chemical Weathering on Below-ground Cultural Resources	US Department of the Interior	5/12/2012	6/30/2015	\$111,012
	Sarkar, Dibyendu/ Lal, Pankaj	Biomass Enhancement of Energy Crops Using PGPB: Transcriptomic, Proteomic, Metabolemic, and Transgenic Approaches	US Department of Energy-Subaward from Michigan Technical University	10/1/2012	9/30/2017	\$510,039
	Sarkar, Dibyendu	Long term monitoring of the Sand Point brownfield site	US Environmental Protection Agency-Subaward from Southern Illinois University Carbondale	8/1/2012	7/31/2014	\$69,169
	Sarkar, Dibyendu/ Deng, Yang	Low-cost, Green Technology to Improve Water Quality in Mining-Impacted Ecosystems. Phase-I: Model Development and Optimization	US Department of the Interior	7/1/2012	6/30/2014	\$69,673

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Sarkar, Dibyendu/ Lal, Pankaj	Biodiesel Feedstock Production on Mining-impacted Soil in Upper Peninsula, Michigan	US Department of Agriculture-Michigan Technical University	7/1/2012	6/30/2014	\$30,434
	Sarkar, Dibyendu	Water Treatment Residuals as a Green Sorbent for Antibiotics in Wastewater	National Science Foundation	10/1/2012	9/30/2012	\$199,596
	Sarkar, Dibyendu	Implementation of a green BMP in Maumee River Watershed	US Environmental Protection Agency- Subaward from Michigan Technology University	8/1/2012	7/13/2014	\$166,619
	Sarkar, Dibyendu/ Deng, Yang/ Rakshit, Sudipta	Remediation of Mixed Contaminated Plumes Using Ferrate (VI)	DuPont	1/1/2012	6/30/2014	\$344,285
	Sarkar, Dibyendu/ Lal, Pankaj	Sustainable Enhancement of Yield and Nutritional Value of Organic Crops Using Plant Growth Promoting Bacteria	US Department of Agriculture-Subaward from Michigan Technical University	11/1/2012	10/31/2015	\$240,000
	Taylor, Robert	Current Issues in Sustainability Science: Technologies for Urban Climate Change Adaptation	Vietnam Education Foundation	1/1/2013	8/30/2013	\$29,700
	Sarkar, Dibyendu/ Vedwan, Neeraj/ Lal, Pankaj	Developing and Testing a Socio-economic Model of Sustainable Arsenic Mitigation in Bihar, India	US Environmental Protection Agency	8/15/2012	8/14/2013	\$14,925
	Yu, Danlin	Collaborative Research : Lean Practices in Small and Medium-sized Enterprises (SMEs) : Research on the Status, Impacts and Organizational Changes	National Science Foundation	6/1/2012	5/31/2015	\$129,684
	Yu, Danlin/ Deng, Yang/ Feng,Huan	Development of a Novel Environmental Sustainability Measurement Based on State Space Model	National Science Foundation	9/1/2012	8/31/2015	\$301,869
	Yu, Danlin	Extending geographically weighted regression to panel data - development of geographically weighted panel regression methods	National Science Foundation	1/1/2013	12/31/2015	\$173,315
<b>Health Careers</b>						
	Lorenzo, Donna	Upward Bound	US Department of Education	9/1/2012	8/31/2017	\$250,000
<b>Mathematical Sciences</b>						
	Billings, Lora	The Effect of Latency in Adaptive Network Models	Naval Research Laboratory	1/1/2012	6/30/2012	\$25,185

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Billings, Lora	Multi-scale Modeling of Infectious Diseases in Fluctuating Environments	National Institutes of Health	9/1/2012	8/30/2015	\$918,483
	Cutler, Jonathan	Extremal Problems Related to Graph Homomorphisms	National Security Agency	6/1/2013	5/31/2015	\$38,593
	Cutler, Jonathan	Collaboration Grants for Mathematicians : Extremal Problems Related to Graph Homomorphisms	Simons Foundation	9/1/2012	8/31/2017	\$35,000
	Cutler, Jonathan	RUI : External Problems Related to Graph Homomorphisms	National Science Foundation	9/1/2012	8/31/2015	\$119,559
	Forgoston, Eric	Quantifying Ocean Transport Using Autonomous Systems	Office of Naval Research	4/1/2012	3/31/2015	\$508,648
	Forgoston, Eric/ Billings, Lora	Understanding the Dynamics of Stochastic Disease Spread in Metapopulations	National Science Foundation	9/1/2012	8/31/2015	\$435,708
	Forgoston, Eric	CPS: Synergy: Collaborative Research: Deployment of Autonomous Networked Systems in Geophysical Flows for Long-Term Environmental Monitoring and Sampling	National Science Foundation	9/15/2012	9/14/2015	\$353,406
	Forgoston, Eric/ Billings, Lora/ Yecko, Philip	Quantifying Transport in Stochastically Perturbed Flows : Analysis and Control	National Science Foundation	9/1/2012	8/31/2015	\$473,113
	Krupa, Erin	Getting Underprepared High School Students on Track to Graduate College and Career Ready in Math Skills and Reasoning	US Department of Education- Institute of Education Sciences-Subaward from National Academy Foundation	9/1/2011	8/31/2013	\$125,495
	Li, Aihua	Combinatorial Methods in Modeling Nanoparticle Percolation of Conductivity and Applications in Material Science	Simons Foundation	7/1/2012	6/30/2016	\$98,097
	Li, Aihua	Collaborative Research in Algebraic Combinatorics and its Applications	Simons Foundation	9/1/2012	8/31/2017	\$35,000
	Li, Aihua	Garden State Undergraduate Mathematics Conferences 2013-2014	National Security Agency	1/1/2013	5/31/2014	\$16,592
	Munakata, Mika/ Vaidya, Ashwin	The Art of Making Science: Development of an Interdisciplinary Creativity Course for Undergraduate STEM students	National Science Foundation	1/1/2013	12/31/2015	\$199,526

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Munakata, Mika/ Molina, Carlos/ Prezant, Robert	Planning Visit: Development of US/Ecuador Joint Interdisciplinary Course for Undergraduate Students	National Science Foundation	6/1/2012	5/31/2013	\$40,440
	Roberts, Helen	Professional Development Services for Middle School Mathematics Teachers	Newark Public Schools	9/1/2011	6/30/2012	\$55,467
	Song, Baojun	Modeling Treatment Strategies for Latent Tuberculosis	National Science Foundation	9/1/2012	8/31/2015	\$265,512
	Su, Haiyan	A Unified Inference Tool for Seemingly Unrelated Topics : Iterative Likelihood	National Science Foundation	7/1/2012	6/30/2015	\$100,902
	Thomas, Diana	A Dynamic Model Predicting Placental Volume	National Institutes of Health	7/1/2013	6/30/2016	\$349,533
	Thomas, Diana	A Dynamic Energy Balance Model for Aerobic Exercise	National Institutes of Health	9/1/2012	8/31/2014	\$252,856
	Truitt, Patrick	Transfer of Langmuir Films onto Patterned Inorganic Structures	Semiconductor Research Corporation	1/1/2013	1/1/2014	\$40,000
	Truitt, Patrick	Collaborative Research : RUI : A Platform for Scalable Molecular Spintronic Devices Based on a Hybrid Solid-State/Molecular Magnetic Tunnel Junction	National Science Foundation	9/1/2012	8/31/2015	\$267,640
	Vaidya, Ashuwin	A Multi-scale Framework for Amyloid Aggregation Towards Clinical Applications	National Institutes of Health-Subaward from University of Southern Mississippi	1/1/2013	12/31/2016	\$253,377
	Vaidya, Ashuwin/ Munakata, Mika	The Art of Making Sustainable Science : Fostering Creative Connections Between Art and Science	American Physical Society	6/1/2012	5/31/2013	\$10,000
	Vaidya, Ashuwin/ Mukherjee, Arup/ Trubatch, David/ Yecko, Philip	MRI: Acquisition of Imaging System for the Study of Complex Fluids	National Science Foundation	7/1/2012	6/30/2013	\$171,135
	Vaidya, Ashuwin	Collaborative Research : Mathematical and Experimental Study of Unsteady Fluid- Solid Interactions	National Science Foundation	1/1/2012	12/31/2014	\$193,657
	Varde, Aparna/ Fitzpatrick, Eileen/ Peng, Jing	Collocation Error Detection and Correction in Web and Text Data	Google Research	1/1/2012	12/31/2012	\$94,715

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Webel, Corey	Supporting the Implementation of the Common Core State Standards for Mathematics in a Large Urban School District	National Science Foundation	7/1/2012	6/30/2015	\$449,620
<b>Professional Resources in Sciences and Mathematics (PRISM)</b>						
	Willis, Jacalyn	CUSP: Creative University- School Partnerships- Year 2, Supplement	US Department of Education			\$49,653
	Willis, Jacalyn	CUSP: Creative University-School Partnerships Year-3	NJ Department of Education	7/1/2012	6/30/2013	\$710,400
	Willis, Jacalyn	The Village Project: Global Villages for Early STEM Education	US Department of Education	1/1/2012	6/30/2015	\$2,999,554
<b>Total Proposals for CSAM: 92</b>			<b>Total Requested for CSAM:</b>		<b>\$25,582,514</b>	
<b>GLOBAL EDUCATION</b>						
	Cunningham, Marina	Justice and Civil Society in the Muslim World	NJ Council for the Humanities	2/1/2012	5/31/2012	\$20,000
<b>Total Proposals for Global Ed: 1</b>			<b>Total Requested for Global Education:</b>		<b>\$20,000</b>	
<b>LIBRARY SERVICES</b>						
	Martinez, Paul	Sprague Library Archives at Montclair State University	National Endowment for the Humanities	1/1/2013	12/31/2013	\$5,700
<b>Total Proposals for Library Services: 1</b>			<b>Total Requested for Library:</b>		<b>\$5,700</b>	
<b>RESEARCH ACADEMY FOR UNIVERSITY LEARNING (RAUL)</b>						
	Murdock, Bryan	9/11 National Day of Service and Remebrance	NJ Commission on Nat'l and Community Service	9/10/2011	9/10/2011	\$3,500
	Murdock, Bryan/ Thomas, William	The MSU EECO (Environment, Education, and Community Outreach) Project	NJ Commission on Nat'l and Community Service	9/1/2012	8/31/2013	\$226,094
	Talgar, Cigdem	Towards Deep and Transformational Learning: The BTtoP Teaching Fellows Program at Montclair State University	Association of American Colleges & Universities	9/1/2013	8/31/2014	\$10,000
<b>Total Proposals for RAUL: 3</b>			<b>Total Requested for RAUL :</b>		<b>\$239,594</b>	
<b>SCHOOL OF BUSINESS (SBUS)</b>						
<b>Management</b>						
	Bryan, Nicole/ Malaga, Ross	Understanding the Mindset, Vocabulary and Search Patterns Used by "Johns" When Using Networked Technologies in Procuring Victims of Sex Trafficking	Microsoft Corporation	7/1/2012	8/31/2013	\$146,424

# Annual Report (FY 12): Proposals Submitted

Proposals Submitted: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
	Zhang, Yanli	Huawei's Smartphone Innovation: A Relentless Game	North American Case Research Association	7/15/2012	1/30/2014	\$10,000
<b>Marketing</b>	Chatterjee, Patrali	I4ECL: Towards Reducing Anxiety and Enhancing Engagement in Higher Level Quantitative Courses in Undergraduate non-STEM Program	Gates Foundation: Next Generation Learning Challenges	1/1/2013	12/31/2014	\$153,058
		<b>Total Proposals for SBUS: 3</b>			<b>Total Requested for SBUS :</b>	<b>\$309,482</b>
<b>STUDENT DEVELOPMENT AND CAMPUS LIFE (SDCL)</b>						
<b>Student Academic Services</b>						
	Straker-Banks, Allyson	CUSH	US Department of Education	10/1/2011	6/30/2017	\$698,900
<b>Emergency Medical Services</b>						
	Ricker, Michael	FEMA AFG Grant	Federal Emergency Management Agency (FEMA)	9/1/2011	6/30/2012	\$158,000
		<b>Total Proposals for SDCL: 2</b>			<b>Total Requested for SDCL :</b>	<b>\$856,900</b>
		<b>Total Proposals: 141</b>			<b>Grand Total: \$</b>	<b>38,346,902</b>

# Annual Report (FY 12): Awards Received

Awards Received: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
<b>ACADEMIC AFFAIRS</b>						
<b>COLLEGE OF THE ARTS (CART)</b>						
<b>Arts and Cultural Programming</b>						
	Wheeler, Jedediah	Presenting "Art Works"	National Endowment for the Arts	07/01/12	06/30/13	\$40,000
	Wheeler, Jedediah	Access to Artistic Excellence FY11/12	National Endowment for the Arts	09/01/11	06/30/12	\$60,000
	Wheeler, Jedediah	General Programming Support, FY 2011-2012	NJ State Council for the Arts	07/01/11	06/30/12	\$49,513
<b>Art Galleries</b>						
	Rodriguez, Teresa	General Programming Support FY2011 - 2012	NJ State Council for the Arts	07/01/11	06/30/12	\$12,828
<b>Total Awards for CART: 4</b>				<b>Total for CART : \$162,341</b>		
<b>COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)</b>						
<b>Center of Autism and Early Childhood Mental Health</b>						
	Costa, Gerard	The Coordinating Center at Montclair State University (CC-MSU)	NJ Governor's Council for Medical Research and Treatment of Autism	06/15/12	06/30/17	\$1,500,000
<b>Center of Pedagogy</b>						
	Robinson, Jennifer	Teacher Quality Partnership Grant Competition- Year 3	US Department of Education	10/01/11	09/30/12	\$1,041,699
<b>Curriculum and Teaching</b>						
	Goeke, Jennifer	Restructuring Preservice Preparation for Innovative Special Education (RePPRISE)- Year 1	US Department of Education	10/01/11	09/30/12	\$272,594
	Moorehead, Tanya	Inclusion Professional Development with the Boston Public Schools	Boston Public Schools- Subcontract from United Cerebral Palsey of Central Florida	07/01/11	06/30/12	\$32,275
<b>Center for Research and Evaluation on Education and Human Services (CREEHS)</b>						
	Chen, Huey / Kyse, Eden	Special Education Program & Services Evaluation (RFP-402-12) Paterson Public Schools	Paterson Public Schools	09/15/11	04/15/12	\$130,000
	Chen, Huey / Kyse, Eden	Special Education Program & Services Evaluation (RFP-402-12) Paterson Public Schools- Supplemen	Paterson Public Schools	09/15/11	04/15/12	\$13,000
<b>Early Childhood and Elementary Education</b>						
	Erwin, Elizabeth	Building Foundations for Self-Determination in Young Children with Disabilities- Year 3	US Department of Education- Subaward from University of Kansas	07/01/11	06/30/12	\$93,913
	Jacobson, Erik	Literacy System Analysis Project	NJ State Employment and Training Commission	06/25/11	11/30/11	\$20,000
	Wise, Linda	Reading Specialist Endorsement Program- Supplement	Paterson Public Schools	09/01/11	06/30/12	\$129,053

# Annual Report (FY 12): Awards Received

Awards Received: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
	Wise, Linda	Reading Specialist, Bilingual & Special Education Endorsement Program	Paterson Public Schools	08/18/11	12/31/13	\$687,915
<b>Family and Child Studies</b>						
	Reid, Robert	Paterson (NJ) Minority Substance Abuse and HIV Prevention Initiative- Year 4	US Department of Health and Human Services	09/30/11	09/29/12	\$335,333
<b>Health and Nutrition Sciences</b>						
	Donnelly, Joseph	Evaluation of NJ Title V: Abstinence Education- Year 2	NJ Department of Health and Senior Services	07/01/12	06/30/13	\$93,192
	Donnelly, Joseph	Evaluation of NJ Title V: Abstinence Education- Year 1	NJ Department of Health and Senior Services	07/01/11	06/30/12	\$174,997
	Kaelin, Mark	Epidemiology and the Energy Balance Equation- Year 4	National Institutes of Health	06/01/11	05/31/12	\$265,821
	Kaelin, Mark	Epidemiology and the Energy Balance Equation- Year 5	National Institutes of Health	06/01/12	05/31/13	\$239,553
	Kaelin, Mark	Epidemiology and the Energy Balance Equation-Supplement 2011	National Institutes of Health	09/20/11	09/19/12	\$125,967
	Lieberman, Lisa	Evaluation Piece for Teen Pregnancy Care Program- Year 2	US Department of Health and Human Services- Subaward from Inwwood House	09/01/11	08/31/12	\$130,282
	Wunderlich, Shahla	MSU Nutrition and Wellness Project	Hudson County Office on Aging	01/01/12	12/31/12	\$136,970
<b>Total Awards for CEHS: 18</b>				<b>Total for CEHS : \$5,422,564</b>		

## COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)

### Center for Child Advocacy

McCormick, Robert	Curriculum Development and Training Initiative (CDTI)	NJ Department of Children and Families	02/01/12	10/31/12	\$187,632
McCormick, Robert	New Jersey Child Welfare Training Consortium	NJ Department of Children and Families- Subaward from Rutgers University	07/01/11	06/30/12	\$20,900
McCormick, Robert	Post BA Certification in Child Advocacy	NJ Department of Children and Families	09/01/11	08/31/12	\$233,248
McCormick, Robert	SHIP (Summer Housing Internship Program)- Year 2	NJ Department of Children and Families- Subaward from Rutgers University	07/01/11	06/30/12	\$131,702
McCormick, Robert	New Jersey Child Welfare Training Consortium	NJ Department of Children and Families- Subaward from Rutgers University	07/01/11	06/30/12	\$1,030,013

# Annual Report (FY 12): Awards Received

Awards Received: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
<b>English</b>	Afzal-Khan, Fawzia	From the Melody Queen to the Muslim Madonna: A Portrait of Female Pakistani Singers from 1947 to the Present	National Endowment for the Humanities	03/01/12	03/31/13	\$70,000
<b>Linguistics</b>	Feldman, Anna	Undergraduate Research for resource-light morphosyntactic tagging of morphologically complex languages- Year 3	National Science Foundation	06/01/12	05/31/13	\$16,000
<b>Philosophy and Religion</b>	Clatterbuck, Mark	Jesus at Crow : Case Studies in Native Religious Identity	The Louisville Institute	07/01/12	06/30/13	\$25,000
<b>Political Science and Law</b>	Spanakos, Anthony	How Does Politics Account For and Address Issues of Injustice in Latin America and the Carribean?	NJ Council for the Humanities	10/01/11	03/31/12	\$2,500
<b>Psychology</b>	Dickinson, Jason	Collaborative Research: The Impact of Disclosure History and Interviewing Protocol on Children Reports of Inappropriate Touching	National Science Foundation	08/15/11	07/31/14	\$127,116
	Lakusta, Laura	Conceptual Foundations of Language : Infants' Representations of Sources and Goals in Events	National Science Foundation	06/15/12	05/31/15	\$384,461
	Nooner, Kate	Discovery Science of Human Brain Function Across the Lifespan	National Institutes of Health- Subaward from Research Foundation for Mental Health	06/01/12	05/31/13	\$22,850
	Propper, Ruth	Research on Predictors of Emotional State and Cognitive Processing Abilities- Year 1	US Army Research Office	03/15/12	03/14/13	\$94,416
<b>Spanish and Italian</b>	Galoppe, Raul	Adaptation, Performance, and Dissemination of Tirso de Molina's Don Gil	American Society of Theater Research	06/01/11	05/31/12	\$2,000
<b>Total Awards for CHSS: 14</b>				<b>Total for CHSS : \$2,347,838</b>		

# Annual Report (FY 12): Awards Received

Awards Received: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
<b>COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)</b>						
<b>Biology and Molecular Biology</b>						
	Bologna, Paul	Impacts of Invasive Sea Nettles (Chrysaora Quinquecirrha) on Plankton Community Structure and Bloom Prediction Using Molecular Techniques- Year 1	NJ Department of Environmental Protection	01/17/12	07/16/13	\$83,333
	Du, Charles	New Reverse Genetic Resources for Maize: Facile Production and Efficient Indexing Using Next-Generation Sequencing Technology- Year 3	National Science Foundation- Subaward from Rutgers University	09/01/11	08/31/12	\$66,399
	Du, Charles	Sesame Genome Organization	Henan Sesame Research Center	01/01/12	12/31/13	\$100,000
	Du, Charles	New Reverse Genetic Resources for Maize: Facile Production and Efficient Indexing Using Next-Generation Sequencing Technology- Supplement	National Science Foundation- Subaward from Rutgers University	09/01/11	08/31/12	\$77,200
<b>Chemistry and Biochemistry</b>						
	Hou, Shifeng / Feng, Huan	Application of Graphene-based Sorbents for Arsenic and Lead Removal from Drinking Water Resources	US Geological Survey- Subaward from Rutgers University- NJ Water Resources Research Institute	03/01/12	02/28/13	\$14,868
<b>Computer Science</b>						
	Hill, Emily	Collaborative Research : Advanced Text Analysis Infrastructure for Software Engineering	National Science Foundation	06/15/12	05/31/13	\$38,307
	Peng, Jing	ShareBoost : Boosting for Robust Data Fusion with Applications to Wide Area Image Exploitation	Air Force Research Laboratory	09/15/11	12/31/11	\$10,000
	Robila, Stefan	REU Supplement to MRI: Acquisition of a High Performance Computer Cluster Supporting Computational Science Research and Learning	National Science Foundation	06/11/12	08/31/12	\$18,965
	Robila, Stefan	Year 3 -Montclair REU Site in Imaging and Computer Vision (iImagine)	National Science Foundation	04/01/12	03/31/13	\$95,920
<b>Dean's Office</b>						
	Prezant, Robert / Quinn Vega	LSAMP The Garden State Alliance for Minority Participation - Year 3	National Science Foundation- Subaward from Rutgers University	07/01/11	06/30/12	\$100,968

# Annual Report (FY 12): Awards Received

Awards Received: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
<b>Earth and Environmental Studies</b>						
	Chopping, Mark	Mapping Changes in Shrub Abundance and Biomass in Artic Tundra using NASA Earth Observing System Data and Geometric-Optical Modeling- 2nd installement of Year 3	National Aeronautic and Space Administration	07/01/11	06/30/12	\$59,498
	Deng, Yang	Formation of disinfection By Products During Co-Treatment of Sewage and Landfill Leachate	NJ Water Environment Association	10/01/11	09/30/12	\$5,000
	Deng, Yang	Scrap Tire and Water Treatment Residuals as Novel "Green" Sorbents for Removal of Common Metals from Polluted Urban Storm Water Runoff	US Geological Survey- Subaward from Rutgers University- NJ Water Resources Research Institute	03/01/11	08/31/12	\$14,966
	Ophori, Duke	Visiting Collaboration for Participation in the START Program	International START Secretariat	05/30/12	06/12/12	\$3,100
	Sarkar, Dibyendu	Remediation of Mixed Contaminated Plumes Using Ferrate (VI)	DuPont	03/15/12	03/14/15	\$344,286
<b>Health Careers</b>						
	Lorenzo, Donna	Montclair State University Upward Bound Project (2007-2012) - Year 5	US Department of Education	09/01/11	08/31/12	\$242,250
	Lorenzo, Donna	Upward Bound (2012-2017) - Year 1	US Department of Education	09/01/12	08/31/13	\$250,000
<b>Institute for Sustainability Studies</b>						
	Weinstein, Michael	Availability and Bioaccumulation of Sedimentary 2,3,7, 8-TCDD and Other Persistent Bioaccumulative Toxic Compounds in the Lower Passaic River	Hudson River Foundation - Subaward from University of Rhode Island	08/01/11	12/31/12	\$24,819
<b>Mathematical Sciences</b>						
	Billings, Lora	Multi-scale Modeling of Infectious Diseases in Fluctuating Environments - Year 3	National Institutes of Health	09/01/11	08/31/12	\$262,155
	Billings, Lora	The Effect of Latency in Adaptive Network Models	Naval Research Laboratory	04/30/12	06/30/12	\$25,185
	Fuller, Evan	Proving Styles in University Mathematics Year 2	National Science Foundation- Subaward from Rutgers University	09/01/11	08/31/12	\$16,637
	Roberts, Helen	Professional Development Services for Middle School Mathematics Teachers	Newark Public Schools	09/01/11	06/30/12	\$55,467
	Thomas, Diana	Expecting Success: Personalized Management of Body Weight During Pregnancy - Year 1	National Institutes of Health- Subaward from Pennington Biomedical Research Center	09/19/11	08/31/12	\$21,678

# Annual Report (FY 12): Awards Received

Awards Received: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
	Vaidya, Ashwin / Munakata, Mika	The Art of Making Sustainable Science : Fostering Creative Connections Between Art and Science	American Physical Society	04/26/12	08/31/13	\$10,000
	Yecko, Philip / Trubatch, David	RUI: Multi-scale modeling of interfacial flows of magnetic fluids with macro-chain aggregates - Year 2	National Science Foundation	09/01/11	08/31/12	\$74,084
<b>Passaic River Institute</b>						
	* Barrett, Kirk	Explore NJ: Promoting Geoscience to African and Hispanic American High School Students in Northeastern New Jersey- Transferred to Manhattan College	National Science Foundation	08/15/11	07/31/13	\$198,896
	Wu, MeiYin	REU site: Transdisciplinary Environmental Science Research on Forest Lakes in Northwest New Jersey - Year 3	National Science Foundation	03/01/12	09/30/14	\$119,881
	Wu, MeiYin	Collaborative Research: Greenhouse Gas Balance of Urban Temperate Wetlands	National Science Foundation	09/01/12	08/31/13	\$11,638
<b>Professional Resources in Sciences and Mathematics (PRISM)</b>						
	Willis, Jacalyn	CUSP: Creative University School Partnerships -Supplement	NJ Department of Education	07/01/11	06/30/12	\$49,885
	Willis, Jacalyn	CUSP: Creative University-School Partnerships -Year 3	NJ Department of Education	07/01/12	08/31/13	\$710,400
		<b>Total Awards for CSAM: 30</b>			<b>Total for CSAM :</b>	<b>\$3,105,785</b>
	<b>* Transferred to Manhattan College</b>					
<b>GLOBAL EDUCATION</b>						
	Cunningham, Marina	Justice and Civil Society in the Muslim World	NJ Council for the Humanities	02/01/12	05/31/12	\$15,500
		<b>Total Awards for GLOBAL EDUCATION: 1</b>			<b>Total for Global Education :</b>	<b>\$15,500</b>

# Annual Report (FY 12): Awards Received

Awards Received: 07/01/2011 To 06/30/2012

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
<b>SCHOOL OF BUSINESS (SBUS)</b>						
<b>Management</b>						
	Bryan, Nicole / Malaga, Ross	Understanding the Mindset, Vocabulary and Search Patterns Used by "Johns" When Using Networked Technologies in Procuring Victims of Sex Trafficking	Microsoft Corporation	07/01/12	08/31/13	\$110,000
<b>Total Awards for SBUS: 1</b>				<b>Total for SBUS :</b>		<b>\$110,000</b>
<b>RESEARCH ACADEMY FOR UNIVERSITY LEARNING (RAUL)</b>						
	Murdock, Bryan	The MSU EECO (Environment, Education, and Community Outreach) Project - Year 2	NJ Commission on National and Community Service	09/01/11	08/31/12	\$199,538
<b>Total Awards for RAUL: 1</b>				<b>Total for RAUL :</b>		<b>\$199,538</b>
<b>STUDENT DEVELOPMENT AND CAMPUS LIFE</b>						
<b>University Police</b>						
	Cell, Paul	FY11 BulletProof Vest Grant Program-Supplement	NJ Dept of Law & Public Safety	10/26/11	05/31/13	\$757
	Cell, Paul	FY11 BulletProof Vest Grant Program	NJ Dept of Law & Public Safety	10/26/11	05/31/12	\$1,127
<b>Total Awards for Student Development and Campus Life: 2</b>				<b>Total for SDCL :</b>		<b>\$1,884</b>
<b>Total Awards: 71</b>				<b>Grand Total: \$</b>		<b>11,365,450</b>